



# RICHARD LANDER SCHOOL BULLETIN

## 13th October 2023



### Richard Lander Racing Win Greenpower International Final To Become 5th Time World Champions!

**O**n Sunday 8th October 2023, Richard Lander Racing competed in the Greenpower International Final held at Goodwood.

Students in the Richard Lander School Greenpower team were challenged to design, build and race electric cars for the project run by UK charity Greenpower Education Trust and then then compete to cover the furthest distance in 90 minutes.

RLR cars are very lightweight with great aerodynamics and

the team spends hours preparing and tweaking their designs. Both of our team's cars qualified for the final which saw RLR3 and RLR4 go up against over 100 other cars from countries including Brazil and Portugal.

The results of the International Final simply could not have been better with Richard Lander Racing taking first and second place, and a track record as a bonus!

Page 3 for a report on the entire Greenpower season, culminating in the final, from team manager, Charlie Masters.



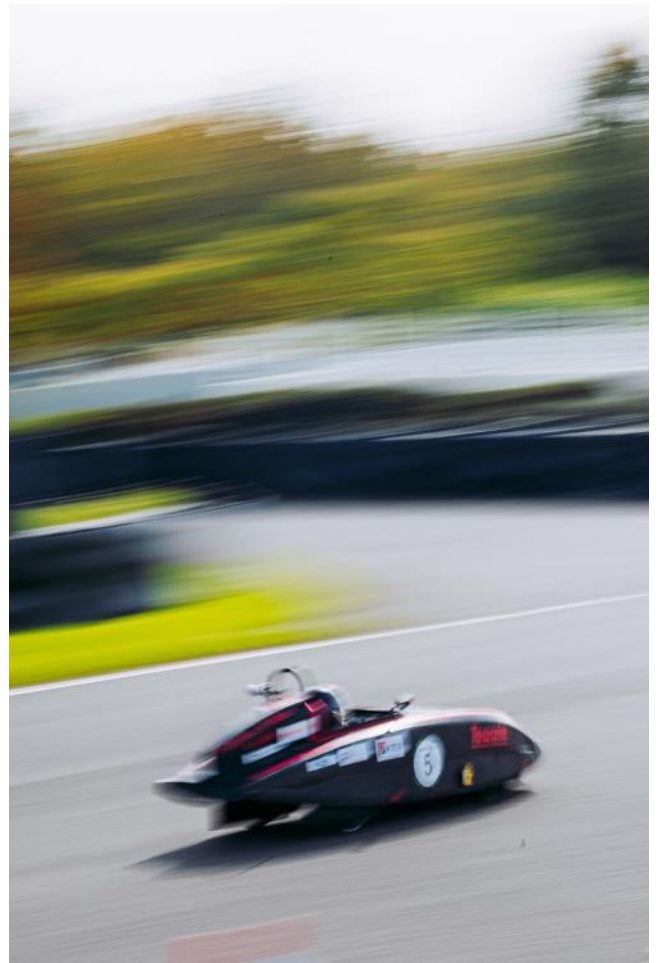
## A Season of Greenpower, from a manager's perspective.

By Charlie Masters

Going into the 2023 season, knowing I would be managing the car I had won a championship in 5 months prior, I had many mixed feelings. Feelings of pressure to perform and showing I was the right student to do this job, but also a sense of pride that I was trusted to be responsible for a car which had won previously in such dramatic fashion.

We started off this season at a familiar and fondly memorised track, the Goodwood motor circuit. For this season, we had implemented and rigorously tested the newer-spec motors, hoping for a boost in power and to regenerate the dominance we'd had since 2017. However, smooth running was wholly opposite to what we were greeted with. After incredibly impressive times throughout practice, we were excited to see the performance in the race. All ran smoothly for the first 80 minutes, our pit stops were carried out well and we were extremely happy with how everything was, and confident. But, due to our slight overestimate, and becoming way too comfortable, the win was snatched on the final lap due to the extreme battery depletion of our cars, and we knew we needed to make significant changes gearing-wise. These changes made a difference, but it wasn't drastic enough. We finished the day third overall. Not all bad as we went into the weekend blind, and learnt significant amounts where, in a month's time, we would take on the inaugural race at the Chivenor Airbase.

We set off to Chivenor early, hoping to gain valuable information. However, the track we were met with was uneven and had an extremely loose surface, which would challenge us all. As practice commenced, I wheeled RLR4 out to the end of the pits, somewhat sceptical of how this may end. Around 5 minutes later, the red flag was waved and worry filled me - RLR4 was off. We waited by the track, butterflies in my stomach, wondering what state the car may be in. Seeing an ambulance come into view





did not fill me with any hope. The car came back on the recovery truck- if my heart hadn't dropped already, it had dropped now. It was in pieces, parts hanging off and the bodywork shredded in places. This was bad. Incredibly bad. After an assessment of the damage and the state our driver was in, my first big decision as manager came - to race, or not to race? In the end, we would sit out the first race, but take place in the second.

It came to the time to race. RLR3 had ran an OK race 1, however retired near the end. Race 2 began, and an intense 20-minute battle ensued, only to be ended by issues on both cars. We discovered RLR3 had destroyed its own drive wheel, and RLR4's steering had fully given out. It was the end of a painful day for RLR4's team, but RLR3 managed to scrape a podium, which gave some purpose to what had been an incredibly enduring day. It was now time to buckle down and fix the damage done before September, where the business-end of the season begins.

September came around, and the team was ready and set for the final push of the season. As a manager this tends to be the most stressful part of the year, as you know what your car is capable of, but it's now down to you to execute and fulfil that! One thing to know about a wet race weekend is that it makes everything A LOT harder, for drivers, mechanics and pretty much everyone involved. We arrived at Castle Combe for race day, and were met with a somewhat stress-free practice, and the weather stayed kind to us. However, as I walked off the grid, down came the rain, and it poured. For the rest of the day we were met with lashing rain, but the drivers, battling with the spray more than other cars, held their nerve and in race 1 we came away with a 1-3, with RLR3 returning to the top spot for the first time over the year, however in race 2 it wasn't as fortunate, as its race was ended prematurely by a very heavy crash, with us now facing the question of would it even be able to race at the finals in 3 weeks? However, we still had a car left in it, and thanks to a risky strategy RLR4 came away with the victory. We had finished on a high, but the next 3 weeks were bound to be extremely tough.

After many late nights, the weekend of the International Final had rolled around. It came down to this, and what a weekend it was. We had a flawless qualifier race with both cars excelling, beating any other competition by over a lap. We had done half the job, now was taking the momentum into race 2, where it was all or nothing. After enduring the heat, RLR3 completed an impeccable lights-to-flag victory, and RLR4 followed it up in the runner-up position, with another astonishingly dominant race for both cars.

In an incredibly up-and-down yet record-smashing season, the whole team can be so, so proud of themselves, and as a manager the best feeling is seeing all the hard work and dedication you have put in end up with a result on track and happy faces to go with it. The feeling of seeing your cars cross the line first and second is unmatched, and brings a feeling of satisfaction like no other. Richard Lander Racing are now 5-time world champions!





## RLS OPEN EVENING 2023

**O**n Wednesday 28th September, hosted our annual RLS Open Evening for students who are currently studying in years 5 and 6. It was a fabulous evening with over 400 students giving school tours and running engaging activities in all subject areas.

Thank you to all who visited and all the students who helped out at the event.

The English department and subject leaders ran a 'newsroom' and Year 9 student, Maisy wrote this article about the event.

### **"The revolutionary Richard Lander School showcase" Title by Harriet, year six.**

Out of all of Richard Lander's open evenings, it is undeniable that this year's event was one of the most successful the school has ever seen. Not only due to the amount of year fives and sixes from primary schools all over Cornwall who visited, but also due to the amount of Richard Lander students who helped out in and around school.

Whether helping out with Café Uganda, working as a tour guide or helping out in one of the departments,

everyone's efforts helped lead to an exceptionally excellent experience for all visiting the school.

*"I am keen to find out about the Lego Club!" Lucas.*

Within each department, there was a range of different activities that showcased all angles of each subject so the primary school students were able to understand the curriculum and meet their possible teachers for each subject. Due to the range, almost all students were able to find something they enjoyed and to look forward to if they joined Lander.

*"I like making cakes and chemistry" Alice.*

When primary school students first entered the school, many of them were most excited for subjects that are either not taught in depth or not taught at all in primary school, such as DT, Drama, Music and Science. These four were the initial subjects that people wanted to learn about first but when these same students were leaving, they also expressed an interest in subjects such as English, Geography, Spanish/ French, RE, history and subjects of a similar nature. While yes, these subjects are explored in Primary school, Richard Lander explores these subjects at a much greater depth than anywhere else in the



county that appealed to everyone, students and caregivers.

*"I am looking forward to Geography" Harrison.*

So in this regard, Richard Lander's open evening has truly been a night to remember to anyone who attended and hopefully has cemented the school as an amazing place for students to learn and thrive.

*By Maisy Morris*





So...following online auditions, call backs... on Friday lunchtime our Creative Arts department announced the cast for our next school production - Les Miserables - which will be performed in Autumn 2024!

Congratulations to everyone who got a part. Here are a few of the principals!!



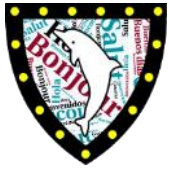
## **LES MISERABLES - CAST ANNOUNCEMENT!**

## **A MUSICAL PRIMARY TRANSITION DAY!**

**O**n Thursday this week, we held a music themed primary transition day today and a lot of fun was had! We hosted Samba, African Drumming and Gamelan workshops and Mithian, Bosvigo, TLA and Blackwater schools attended.



*Well done to all the primary students threw themselves into all activities and to our amazing music leaders who supported them so well!*



## **MFL UPDATE**

**T**he MFL Department ran a school competition to celebrate the European Day of Languages in September and Willow in Year 8 was the winner! She has now been entered into the national competition and will receive a £10 Amazon voucher from us. Well done Willow, we love your design!



## **Linguist of the Week - JK Rowling**

*Did you know that JK Rowling speaks French? She studied French at Exeter University before becoming a world renowned author and uses a lot of French in her books. Voldemort is French for 'flight of death' and Malfoy comes from the French 'mal foi' meaning bad faith*





# Celebrating Black Women: Black History Month Poetry Competition 2023

Take part in our Black History Month Poetry Competition



## SALUTING OUR SISTERS

Please submit poems to Mrs Brindley / Humanities office for the History Subject Leaders to judge by Monday 31st October.

*Throughout history, the resilience and accomplishments of black women have frequently been overshadowed or taken for granted.*

Our History Subject Leaders are launching a competition within Richard Lander School to celebrate the many contributions, challenges, and vibrant legacies of black women.

Write a poem about a black woman who has contributed to society - whether you write about internationally acclaimed figures, cherished family members, community heroines, or draw from personal experiences, every story is valued and vital.

## North Cornwall Book Festival

Students in Years 8 and 9 had a wonderful English day out at North Cornwall Book Festival on the last Friday in September.

They took part in three inspiring writing workshops led by some popular authors, and were able to purchase (and have signed!) some new books to take home. It was lovely to see such enthusiasm and excitement about reading!

Well done to you all!

Miss S Niles—English







## RLS PE & SCHOOL SPORT

### Peninsula Schools Surfing Competition

Lander once again showed what a force they are on the local surf scene, with a very impressive showing at the Peninsula Schools Surfing Competition, held at Godrevy on Wednesday.

In tricky conditions, the Lander team surfed incredibly well,

with 12 out of our 14 surfers all progressing through to the semi-final stages. From those semi-finals, the following students made their respective finals, with the following results:

**Girls:** 1st Sunny I  
3rd Izzy H-F  
6th Maisie P

**U14 Boys:** 1st Joshi J  
4th Wilbur P

**U16 Boys:** 1st Isaac D  
4th Frazer K

Well done to all the surfers involved, you did Lander proud!





## RLS PE & SCHOOL SPORT

### U14 County Hockey Tournament @ Truro School 9th October 2023

The RLS U14 girls Hockey team travelled to Truro School on Tuesday to compete in the County Tournament. In the group section, they beat Helston 3-0, Penair 5-0, Penrice 5-0 and narrowly lost to Truro School 1-0. This resulted in them taking second place and moving through to the semi final, to take on the winners of the other section being played at Truro High. This was Penryn and the teams were evenly matched. Lander took the lead, but conceded a goal with only a few minutes left of the 20 minute match. Consequently, the semi final went to penalties with Penryn edging it 3-1.

Well done to all of our players, in particular the penalty takers and Ailsa in goal.

*Squad: Rosie (C), Ellie, Maisie, Molly, Martha, Ashlee, Charlotte, Tilly, Eva, Lottie, Lils, Tegen, Ailsa, Libby.*

**Well done to this amazing team!**

*Miss D Cain*



### Year 10 County Netball Tournament

Our Year 10 girls took part in the county netball tournament at Truro School earliest this week

They started strongly, winning 4 out of their 5 games in their first stage of the competition. The afternoon brought more excellent netball with the team facing some strong opponents, but managing to gel excellently; showing some great phases of play and lovely netball.

Lander went on to win all of their matches in the second stage of their competition beating Helston, Mounts bay, Humphry Davey and Bude; meaning they went on to finish 7th overall- a fab result

Player of the day, as voted by her team mates, was Amelie!

Well done to all of the team!

*Miss N Tonkin*



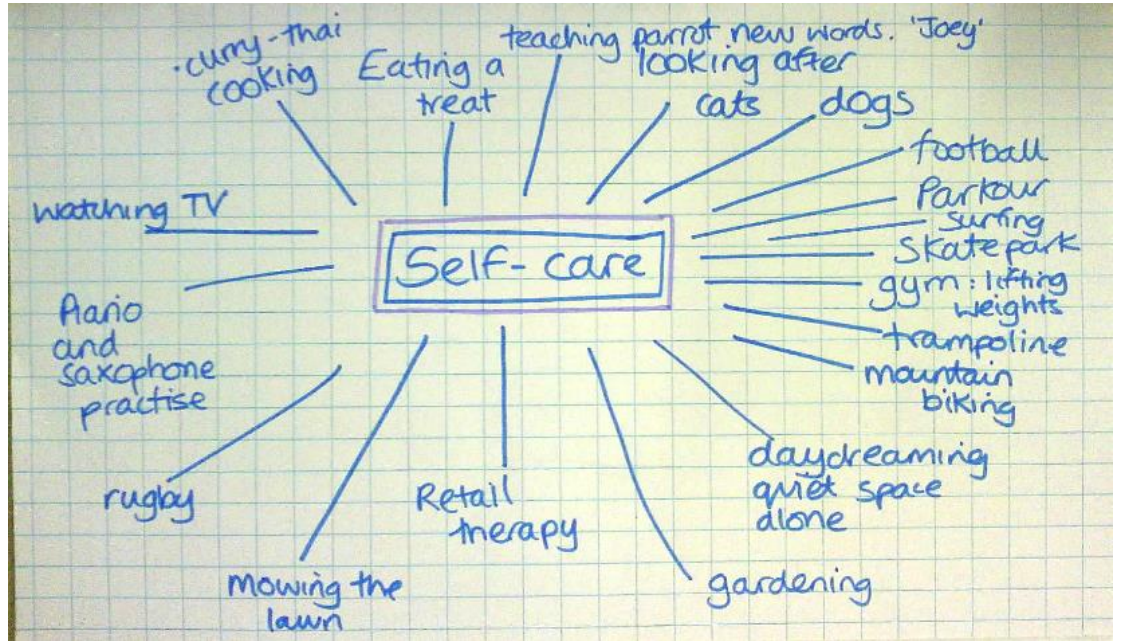
## World Mental Health Day—11th October 2023

**O**n Tuesday we took part in World Mental Health Day. Some of us wore yellow or green ribbons to show our support for those suffering with their mental health.

All lessons were encouraged to pause at 10am to consider strategies to maintain mental wellness.

After work on Wednesday, Miss Rowe gathered staff together for a cuppa and a chat.

Miss Warman's Maths class came up with this lovely mind map of some of their recommendations.



### Keith Haring Textiles Homework

**J**ust look at this fabulous Year 7 Textiles homework! Keith Haring inspired artwork to help with their pencil case designs!

Well done to you all!





# **CREATING CYANOTYPES & DIGITAL PHOTOGRAPHY**

**23rd October 10.00 – 15.00**

**Ages 11 – 16**

**Free to attend!**

**Picnic lunch  
provided**

## **MASK MAKING, PHOTOGRAPHY & FILMMAKING**

**27th October 10.00 – 15.00**

**Moresk Centre,  
Kemp Close,  
Truro  
TR1 1EF**



**CHAOS  
GROUP**

Delivered by



**HM Government**



**CORNWALL  
COUNCIL**  
*one and all - omen hag oll*



**Council of the  
ISLES OF SCILLY**

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UP**